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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/063,434	04/23/2002	Yin-Chun Huang	8821-US-PA	4966

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EXAMINER

GIBBS, HEATHER D

ART UNIT	PAPER NUMBER
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2625

DATE MAILED: 04/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/063,434	Applicant(s) HUANG ET AL.	
	Examiner Heather D. Gibbs	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. The amendment filed on 01/12/2006 has been entered and made of record and is sufficient to overcome the Lai (US 6,115,149) reference.

Response to Arguments

2. Applicant's arguments see Pages 8-9, filed 01/12/06, with respect to claims 1-10 have been fully considered and are persuasive. The rejection of claims 1-10 has been withdrawn.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Muramatsu (US 5,452,108).

Regarding claim 1, which is representative of claim 6, 8, 11, 16, 20, Muramatsu teaches a method comprising: moving a paper sheet a first direction towards a scanning window (Col 2 Lines 58-63); scanning a portion of said paper sheet with a scanning head (Col 2 Lines 58-63); moving said scanning head to a second distance in a first direction, wherein said second distance is smaller than said first distance and repeating said

scanning and said moving said scanning head to scan a plurality of portions of said paper sheet over said scanning window (Col 2 Lines 58-63; Fig 10).

The first distance is the distance a document travels from the original feed tray to the platen glass, and the second distance is each incremental distance the scanner is moved by the motor to scan a line of the document.

For claim 2, which is representative of claim 7, Muramatsu discloses repeating said scanning, said moving said scanning head, and said repeating, wherein movement of said scanning head alternates between said first direction and a second direction, until said scanning head scans a plurality of portions of said paper sheet (inherent).

For claim 3, which is representative of claim 9, Muramatsu teaches repeating said scanning, said moving said scanning head, and said repeating, wherein said moving said scanning head comprised moving said scanning head in a second direction opposite to said first direction (inherent).

Considering claim 4, Muramatsu discloses wherein moving said paper sheet comprises rotating a pair of rollers, wherein said pair of rollers are positioned on a conveying guide of a sheet feeder (Col 3 Lines 40-50).

Regarding claim 5, Muramatsu teaches wherein a length of said scanning window is larger than or equal to said first distance (Col 2 Lines 38-63).

For claim 10, Muramatsu discloses wherein the scanning head moves in a scanning direction to scan said paper sheet (Fig 10).

Considering claim 12, Muramatsu teaches wherein said sheet feeder is further capable of moving said paper sheet further over said scanning window and said

scanning head is further capable of scanning a third portion of said paper sheet over said scanning window, and wherein said stepping motor is further capable of again moving said scanning head said second distance in said first direction (inherent for scanning to move a plurality of portions within a document).

For claim 13, which is representative of claim 18, Muramatsu discloses wherein said scanning head is further capable of moving back and forth in a scanning direction to scan said paper sheet (Col 2 Lines 53-57).

Regarding claim 14, Muramatsu teaches wherein said sheet feeder comprised a conveying guide, and a plurality of rollers arranged on said conveying guide, and wherein at least two of said plurality of rollers are in contact with each other, such that said paper sheet may be moved at least in part by rotating the at least two of said plurality of rollers (Col 3 Lines 40-65).

Considering claim 15, which is representative of claim 19, Muramatsu teaches wherein a dimension of said scanning window is larger than or equal to said first distance (Col 2 Lines 38-63).

For claim 17, which is representative of claim 21, Muramatsu discloses means for moving said paper sheet further including means for moving said paper sheet further over said scanning window; said means for scanning further including a means for scanning a third portion of said paper sheet over said scanning window; and said means for moving said means for scanning further including means for again moving said means for scanning said second distance in said first direction (inherent for scanning to move a plurality of portions within a document).

For claim 22, Muramatsu discloses wherein said scanning head is further capable of moving back and forth in a scanning direction to scan said paper sheet (Col 2 Lines 53-57).

Considering claim 23, Muramatsu teaches wherein moving a paper sheet comprised rotating at least two of a plurality of rollers, wherein said plurality of rollers are at least in part coupled to a sheet feeder (Col 3 Lines 40-65).

Regarding claim 24, Muramatsu discloses wherein a dimension of said scanning window is larger than or equal to said first distance (Col 2 Lines 38-63).

Conclusion

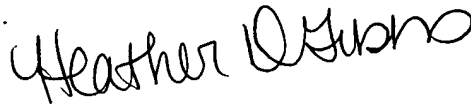
5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D. Gibbs whose telephone number is 571-272-7404. The examiner can normally be reached on M-Thu 8AM-7PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on 571-272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Heather D Gibbs
Examiner
Art Unit 2625

hdg



THOMAS D. LEE